



**McNees Wallace & Nurick LLC**  
attorneys at law

**RECEIVED  
CENTRAL FAX CENTER**

**AUG 15 2005**

Routing #3001  
Client #07783-0114

**FAX COVER LETTER**

**DATE:** August 15, 2005

**PLEASE DELIVER THE FOLLOWING PAGES:**

**TO:** Mail Stop Amendment  
Examiner: Alexander S. THOMAS  
Art Unit: 1772  
**FAX:** (571) 273-8300

**FROM:** Kurt L. Ehresman  
**Direct Dial:** (717) 237-5458

**TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER:** 8

**MESSAGE:**

Please acknowledge receipt of documents.

Transmittal Form  
Certificate of Fax Transmittal  
Response Under 37 C.F.R. 1.111 (5 pages)

Attorney Docket No.: 07783-0114  
Application No.: 10/725,279  
Filed: December 1, 2003

**FAX NUMBER: (717) 237-5300**

**PARALEGAL RESPONSIBLE:** Holly J. Lawrence  
**TELEPHONE:** (717) 237-5395

**\*\*\*\*\*CONFIDENTIALITY NOTE\*\*\*\*\***

The information and documents accompanying this transmission contain information from the law firm of McNees Wallace & Nurick LLC which is confidential and/or legally privileged. The information is intended solely for the use of the individual or entity named on this transmission sheet. If you are not the designated recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this information is prohibited.

If you have received this transmission in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us at no cost to you and with reimbursement for cost you may have incurred in responding to this notification.

PTO/SB/21 (02-04)


Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.


<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/725,279
		Filing Date	December 1, 2003
		First Named Inventor	MILLARD, et al.
		Art Unit	1772
		Examiner Name	THOMAS, Alexander S.
Total Number of Pages in This Submission	8	Attorney Docket Number	07783-0114

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Fax Transmittal
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	McNees Wallace & Nurick LLC		
	Kurt L. Ehresman, Attorney Reg. No. 50,578		
Signature			
Date	August 15, 2005		

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Holly J. Lawrence		
Signature		Date	August 15, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application No. 10/725,279  
Attorney Docket No. 07783-0114

RECEIVED  
CENTRAL FAX CENTER

AUG 15 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MILLARD, et al. :  
: :  
Application No.: 10/725,279 : Group Art Unit: 1772  
: :  
Filed: December 1, 2003 : Examiner: THOMAS, Alexander S.  
: :  
For: METHOD OF COOLING FOR CERAMIC MATRIX COMPOSITES

**RESPONSE UNDER 37 C.F.R. 1.111**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please consider the following Response for the above-referenced Application.

**REMARKS**

The Office Action mailed July 28, 2005 subjects claims 1-24 currently pending in the present Application to a restriction requirement. The Examiner has required restriction to one of the following inventions under 35 U.S.C. § 121:

Group I. Claims 1-12, drawn to a process, classified in class 264.

Group II. Claims 13-24, drawn to a product, classified in class 428, subclass 137.

In accordance with the requirements of 37 CFR § 1.143 Applicant elects, with traverse and without prejudice, Group I directed to a process of manufacturing a structural fiber reinforced porous ceramic matrix composite member having a predetermined pattern of cooling holes and channels therein.

Applicant traverses the restriction requirement, for all the reasons set forth herein.

(1) First, the restriction is based upon an assertion that the article of Group II may be made by a materially different process than that of Group I. Only one such proposed process is set forth by the Examiner. As set forth in the last two lines of paragraph 2 on page 2 of the

PTO/SB/97 (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office

on August 15, 2005.

Date

  
Signature

Holly J. Lawrence

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this  
certificate must identify each submitted paper.

Transmittal Form  
Response Under 37 C.F.R. 1.111 (5 pages)  
Certificate of Fax Transmittal

Attorney Docket No.: 07783-0114  
Application No.: 10/725,279  
Filed: December 1, 2003

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.